CLAIMS

We claim:

1. An electronic circuit arrangement, in particular an LED circuit arrangement (1), having a lead (3), via which electronic circuit elements (6) of the circuit arrangement, in particular LED components, can be driven by a drive circuit (2; 20; 21; 22),

wherein

the lead (3) has a plurality of coding conductors (3c, 3d), which carry a code by means of a combination of electrically interrupted and electrically continuous coding conductors (3c, 3d), said code giving an indication of specific properties of the circuit arrangement.

2. The electronic circuit arrangement as claimed in claim 1,

wherein

the code can be detected by means of an evaluation circuit (70; 71; 72; 73), which passes a corresponding control signal to the drive circuit (2; 20; 21).

3. The electronic circuit arrangement as claimed in claim 1,

wherein

an interrupted coding conductor represents the logic state "0" and a non-interrupted coding conductor represents the logic state "1".

4. The electronic circuit arrangement as claimed in claim 2,

wherein

at least two coding conductors (3d) can in each case be individually connected to a measurement voltage source of the drive circuit (21) and the coding conductors (3d) can furthermore be connected to the evaluation circuit (73).

5. The electronic circuit arrangement as claimed in claim 2,

wherein

the evaluation circuit (72; 73) is a digital/analog converter (D/A).

6. The electronic circuit arrangement as claimed in claim 5,

wherein

the digital/analog converter (D/A) contains a resistor network.

7. The electronic circuit arrangement as claimed in claim 6,

wherein

a reference voltage (Uref) of the digital/analog converter (D/A) is a measurement voltage provided by the measurement voltage source.

8. The electronic circuit arrangement as claimed in claim 1,

wherein

an electrical supply line for the circuit elements can be provided by at least one electrically continuous coding conductor (3d).

9. The electronic circuit arrangement as claimed in claim 1,

wherein

the lead and the circuit arrangement are arranged on a common carrier, in particular on a common printed circuit board.

10. The electronic circuit arrangement as claimed in claim 1,

wherein

the lead is arranged on a flexible part of a carrier.

11. The electronic circuit arrangement as claimed in claim 1,

wherein

the coding conductors (3c, 3d) can be interrupted by perforation, stamping and/or milling or in a comparable manner.

12. The electronic circuit arrangement as claimed in claim 1,

wherein

the lead can be electrically connected to the drive circuit and/or to the circuit arrangement (1) by plug connectors.

13. The electronic circuit arrangement as claimed in claim 1,

wherein

the circuit arrangement (1) is an LED circuit arrangement (1).

14. The electronic circuit arrangement as claimed in claim 13,

wherein

the LED circuit arrangement (1) has a plurality of LED chains each having a plurality of LED components (6), said LED chains being electrically connected in parallel with one another.

15. The electronic circuit arrangement as claimed in claim 14,

wherein

the coding is correlated by the brightness grouping of the LED components used in the LED circuit arrangement.

16. A method for coding an electronic circuit arrangement, in particular an LED circuit arrangement, as claimed in claim 1,

wherein

the lead is coded by perforation, stamping and/or milling or in a comparable manner after the completion of the electronic circuit arrangement, in accordance with the properties, parameters and/or functions of said electronic circuit arrangement.